Integrated Consumable Item Support (ICIS) Model

Defense Energy Support Center

OVERVIEW

- Requirements Verification with ICIS
- Potential Benefits to EUCOM
- Purpose
- Operational Features and Data
- Version 5
- Summary

ICIS Verification of EUCOM FY04 Requirements

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- ICIS verified FY04 inputs to IMP
  - JP8 matched 97% (ICIS slightly larger)
  - F76 and JP5 - NAVEUR used ICIS
    - Use download for Days of Supply (DOS)
    - Drilldowns show time-phased forces
  - Details to be shown at start of demo
  - Verification a pleasure
  - ICIS will significantly reduce workloads

ICIS Potential Benefit to EUCOM

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- Use for generating IMP inputs
  - WMP4 available for USAFE, TPFDD for other Military Services, WMP4 for stratair for all
  - Validate changes submitted for IMP
  - Do runs and download in 15 minutes
- Use for exercise or crisis scenarios
  - Use Force Deployment Module (FDM)
  - Input multiple start/stop times in V5
  - Improve forecasts when actuals known

Verification of CENTCOM FY04 Requirements

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- CENTCOM – ICIS generated IMP rqmt
  - Some modifications due to beddown changes
- First 19 days of OIF operational analysis
  - Matched 12 air bases with REPOL issues
  - Used FAS to get actual issues by day, aircraft type, location, product
  - Used this to estimate average sorties flown, by location, over the time interval
  - Used the sortie rates and reran ICIS FDM
  - ICIS projection 98.9% with actual sortie rate

Verification of PACOM FY04 Requirements

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- PACOM using ICIS to validate IMP requirements
  - ICIS projection 93% for USFK
  - ICIS provides total audit trail

Integrated Consumable Item Support (ICIS) Model Purpose

- Compute bulk fuel requirements
  - Siprnet web based access
  - Automate standard methodology
  - Provide an audit trail
  - Support Military Services, JPOs, DESC
- Automate interface with FAS
- Generate non-unit records for resupply
- Support in-theater distribution plans

ICIS
Operational Features

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- Use ICIS for Current Operations:
  - Process TPFDD file
  - Process other force lists
  - Integrate stratair fuel requirements
  - Utilize standard optempo rates (sorties, ground intensities, ship speeds)
  - Drilldown for supporting details
  - Download site requirements

ICIS
Key Data

- Force Structure is starting point
  - Start with the TPFDD
  - Use Force Deployment Module (FDM) for adding a force list
- Optempo rates and consumption factors are service standards
- Users may modify rates in V5

ICIS
Key Data (cont'd)

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- Strategic Airlift (stratair) reqmts:
  - Stratair forces are not in TPFDD
  - Use War and Mobilization Plan (WMP4) if available
  - JFAST now available for stratair
  - WMP4 or JFAST can be integrated into ICIS runs

ICIS Reports

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- Several report summaries
  - Location only, daily by fuel type
  - Sum by theater, daily by fuel type
  - Download by location, fuel type, time interval and military service
- Unfilled requirements
- Sealift tanker schedule
- Non-unit records

ICIS Sustainability of Requirements

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- Uses DESC bulk contracts to generate sealift cargoes for resupply
- Provides non-unit records for JPO to upload to JFAST and JOPES
- Shows supporting DFSPs
- Shows location shortfalls

ICIS
Version 5

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- User may edit TPFDD extractions
- User may edit optempo rates
  - Sortie rates, sortie durations
  - USMC and Army ground intensities
- FDM – assign forces to forward sites
  - Assign by geolocs and time intervals
  - Use for exercise requirements
- Apply DESC sourcing matrix for bulk contracts resupply

Integrated Consumable Item Support (ICIS) Model

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- Summary
  - ICIS is a working tool
  - Detailed fuel requirements by location
  - Integrated with FAS
  - Provides total audit trail for WRM
  - Web based access for customers
  - Compare historical scenarios
  - Standardized planning process
  - Navy has formally directed use of ICIS
  - Marines and Air Force – favorable analysis

Integrated Consumable Item Support (ICIS)

- Request access via the unclas website at http://www.icis.hq.dla.mil
  - Send email from website
  - Fax security form and clearance to DSN 427-1516, C703 767-1516
- Feedback anytime
  - michael.lynch@dla.mil DSN 427-5257
  - eugene.turner@dla.mil DSN 427-8416